

**GOLD COLLOIDAL PARTICLE METHOD OF PREPARING THE SAME  
AND METHOD OF SELECTIVELY SCAVENGING GOLD ION**

Veröffentlichungsnr. (Sek.) JP2001089140  
Veröffentlichungsdatum : 2001-04-03  
Erfinder : NABESHIMA TATSUYA  
Anmelder : JAPAN SCIENCE & TECHNOLOGY CORP  
Veröffentlichungsnummer : JP2001089140  
Aktenzeichen:(EPIDOS-INPADOC-normiert) JP19990261207 19990914  
Prioritätsaktenzeichen:(EPIDOS-INPADOC-normiert)  
Klassifikationssymbol (IPC) : C01G7/00; B01J13/00; C07D327/00  
Klassifikationssymbol (EC) :  
Korrespondierende Patentschriften

**Bibliographische Daten**

**PROBLEM TO BE SOLVED:** To obtain new gold colloidal particles capable of controlling physical properties such as particle diameter and their dispersion and to provide a method of preparing the gold colloidal particle dispersion and further a new method of scavenging gold ions.

**SOLUTION:** The gold colloidal particles are composed of a thiacycrown ether compound having a thiol group or a disulfide-bonding group in the ring and a part of the ring constituting atoms are sulfur atoms and gold. The gold colloidal particles are dispersed in an aqueous medium.

Daten aus der **esp@cenet** Datenbank -- 12